

JAPANESE

[JP,08-237058,A]

CLAIMS DETAILED DESCRIPTION TECHNICAL FIELD PRIOR ART EFFECT OF THE INVENTION TECHNICAL PROBLEM MEANS OPERATION EXAMPLE DESCRIPTION OF DRAWINGS DRAWINGS

[Translation done.]

# \* NOTICES \*

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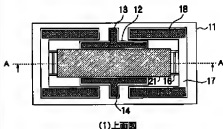
- 1.This document has been translated by computer. So the translation may not reflect the original precisely.
- 2.\*\*\*\* shows the word which can not be translated.
- 3.In the drawings, any words are not translated.

## DRAWINGS

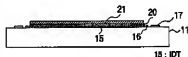
[Drawing 1]

## Drawing selection

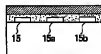
### Representative draw



(1)上面図



(2) A-A 断面図

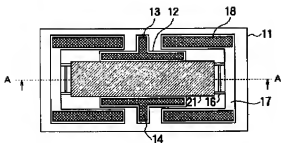


(3)拡大断面図

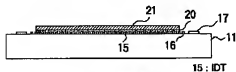


本発明の第1の実施例の弾性表面波共振子

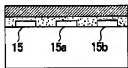
[Translation done.]



(1)上面図



(2) A-A 断面図

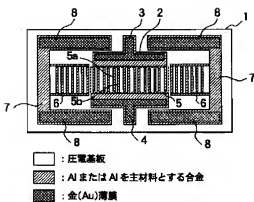


(3)拡大断面図

-  : 圧電基板
-  : 強磁性体薄膜
-  : 金(Au)薄膜
-  : 絶縁体

本発明の第1の実施例の弾性表面波共振子

[Drawing 2]



従来の弾性表面波共振子

[Drawing 3]

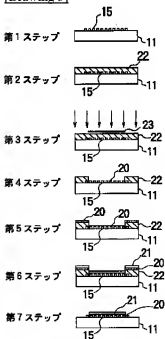


図1の製造工程

[Drawing 4]

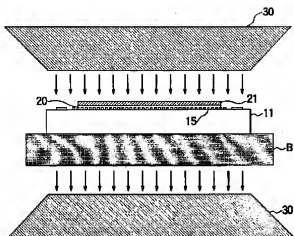
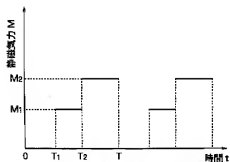
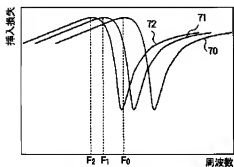


図1の窒化作業

[Drawing 7]



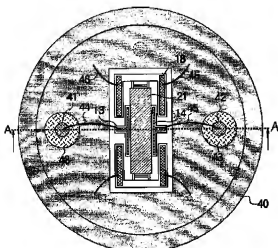
(1)中心周波数制御用静磁気力の波形



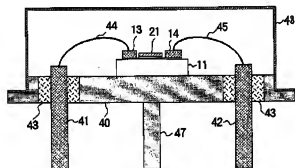
(2)静磁気力による周波数特性の変動

本発明の第2の実施例の弾性表面波共振子の周波数特性

[Drawing 5]



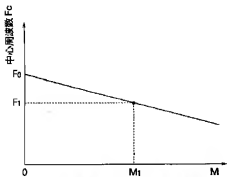
(1)平面図



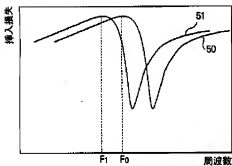
(2) A-A 断面図

ステムに搭載した弾性表面波共振子

[Drawing 6]



(1) 静磁気力と中心周波数の関係



(2) 静磁気力による周波数特性の変動

図1の周波数特性

[Translation done.]